

INFORMATION DISCLOSURE CITATION

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ATTY DOCKET NO.
F02-167191C/FK

APPLICATION NO.
10/822,003

Sugimoto

FILING
April 12, 2004

GROUP ART
2624

U.S. PATENT DOCUMENTS

MINER IAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JSS/	4,244,655 A	01/13/81	Asai, et al.			
JSS/	5,278,921 A	01/11/94	Nakamura, et al.			
JSS/	5,982,912 A	11/09/99	Fukui, et al.			

U.S. PATENT APPLICATION PUBLICATIONS

MINER IAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
JSS/	08-063597	03/08/96	JAPAN			DBS	
JSS/	09-251534 USEQV 5,982,912	09/22/97	JAPAN				
JSS/	10-232934	09/02/98	JAPAN			DBS	
JSS/	53-145622 USEQV 4,244,655	12/19/78	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

XAMINER
/Jeffrey Smith/

DATE CONSIDERED
12/28/2007

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MINER IAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SS/	4,749,848 A	06/07/88	Sorimachi			
JSS/	4,916,302 A	04/10/90	Sorimachi			
SS/	5,615,398 A	03/25/97	Matsuyama			
SS/	4,203,671 A	05/20/80	Takahashi, et al.			
/JSS/	4,244,653 A	01/13/81	Asai, et al.			

U.S. PATENT APPLICATION PUBLICATIONS

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						YES	NO
JSS/	04-67607 US. Equiv 4,749,848, 4,916,302	10/28/92	JAPAN				
JSS/	07-134238 US. Equiv 5,615,398	05/23/95	JAPAN				
JSS/	52-156624 US. Equiv 4,203,671	12/27/77	JAPAN				
/JSS/	53-145621 US. Equiv 4,244,653, 5,615,398	12/19/78	JAPAN				
/JSS/	04-346333 US. Equiv 5,278,921	12/02/92	JAPAN				

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